



2015

DRIVE YOUR COUNTY TO THE TOP TEN:

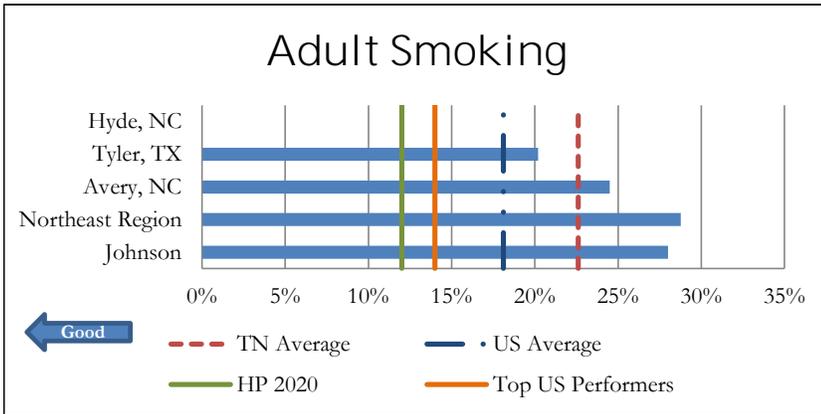
Accelerating Action Towards Improving County Health

Johnson County



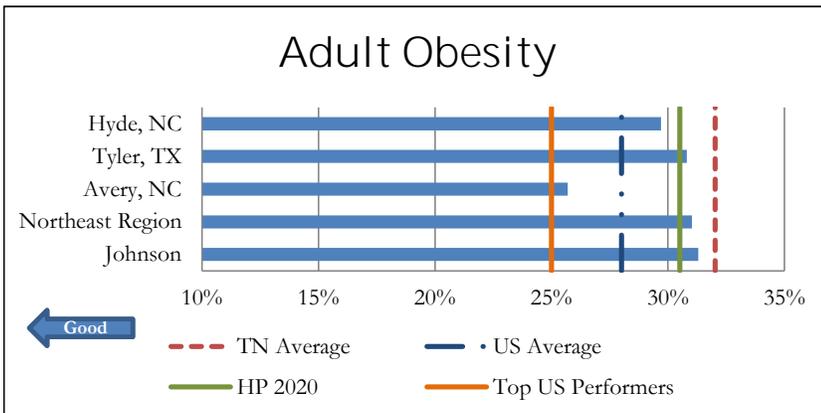
Demographics

Population:	17,977	<18 YOA:	17.62%	65+ YOA:	20.19%	% Rural:	85.21%
Unemployment:	9.88%	% Females:	46.38%	% Males:	53.62%	Graduation Rate:	92.50
Single parent households:	24.32%	MHI:	\$30,652				



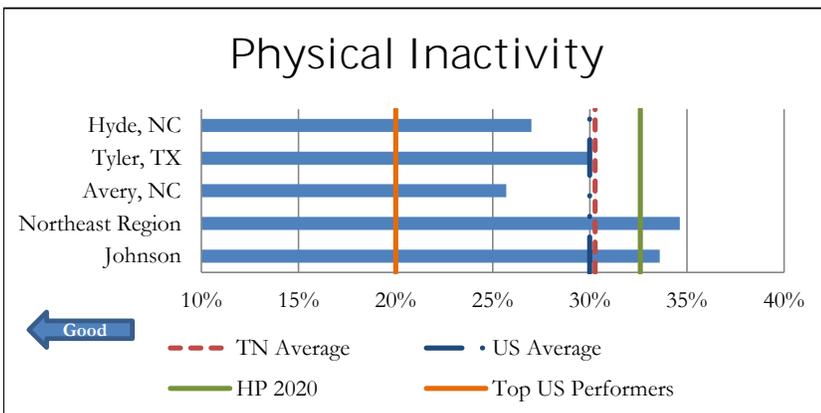
Top Third

Measure	Value
Access to Exercise Opportunities	100.00%
Alcohol-Impaired Driving Deaths	9.09%
Sexually Transmitted Infections	88.40
Air Pollution - Particulate Matter	13.00
Children in Single-Parent Households	24.32%
Driving Alone to Work	79.88%
Social Associations	16.58
Poor Mental Health Days	3.00
Preventable Hospital Stays	74.18
Mammography Screening	63.03%



Middle Third

Measure	Value
Severe Housing Problems	12.77%
Physical Inactivity	33.60%
Primary Care Physicians	2262:1
Mental Health Providers	2568:1
Poor Physical Health Days	5.00
Long Commute - Driving Alone	36.00%
Dentists	3595:1
Unemployment	9.88%
Food Environment Index	7.00
Poor or Fair Health	25.60%



Bottom Third

Measure	Value
Diabetic Monitoring	81.98%
Children in Poverty	38.30%
Drinking Water Violations	8.10%
Some College	35.05%
Low Birthweight	9.85%
Teen Births	59.64
Income Inequality	4.89
Violent Crime	476.06
Uninsured	17.69%

YOA: Years of Age. MHI: Median Household Income. HP 2020: Healthy People 2020 Goal. Adult Smoking: Percentage of adults who are current smokers. Source: Behavioral Risk Factor Surveillance System; 2006-2012. Adult Obesity: Percentage of adults that report a BMI of 30 or more. Source: CDC Diabetes Interactive Atlas; 2011. Physical Inactivity: Percentage of adults aged 20 and over reporting no leisure-time physical activity. Source: CDC Diabetes Interactive Atlas; 2011. Prepared by the Division of Policy, Planning and Assessment, Office of Performance Management, Tennessee Department of Health. Nashville, TN. opm.health@tn.gov or 615-741-5001.



Health Outcomes	Length of Life	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		<p>Years of potential life lost before age 75 per 100,000 population (age-adjusted)</p> <p>For every 100 people in the county, 1 people in the county need to live one year closer to age 75.</p> <p>Source: National Center for Health Statistics - Mortality files Year(s): 2010-2012</p>									
Health Factors	Quality of Life	<p>Poor or Fair Health</p> <p>Rank: 63, 10th Ranked: Putnam, Value: 25.60%, 10th Ranked Value: 16.60%, Difference: 9.00%, Shift in Value: ↑Bad ↓Good, US Average: 12.40%</p> <p>Improve the health of 9 out of every 100 people in the county who, in general, report being in poor or fair health.</p> <p>Source: Behavioral Risk Factor Surveillance System Year(s): 2006-2012</p>									
		<p>Poor Physical Health Days*</p> <p>Rank: 47, 10th Ranked: Chester, Value: 5.00, 10th Ranked Value: 3.40, Difference: 1.60, Shift in Value: ↑Bad ↓Good, US Average: 3.70</p> <p>Engage people in the county on ways to reduce number of poor physical health days reported by residents by 2 days per month.</p> <p>Source: Behavioral Risk Factor Surveillance System Year(s): 2006-2012</p>									
		<p>Poor Mental Health Days</p> <p>Rank: 14, 10th Ranked: Henderson, Value: 3.00, 10th Ranked Value: 2.80, Difference: 0.20, Shift in Value: ↑Bad ↓Good, US Average: 3.50</p> <p>Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.</p> <p>Source: Behavioral Risk Factor Surveillance System Year(s): 2006-2012</p>									
		<p>Low Birthweight</p> <p>Rank: 80, 10th Ranked: Lewis, Value: 9.85%, 10th Ranked Value: 7.29%, Difference: 2.56%, Shift in Value: ↑Bad ↓Good, US Average: 8.10%</p> <p>Reduce the number of low birth weight babies by 3 for every 100 live births.</p> <p>Source: National Center for Health Statistics - Natality files Year(s): 2006-2012</p>									
		<p>Adult Smoking</p> <p>Rank: 63, 10th Ranked: Knox, Value: 28.00%, 10th Ranked Value: 18.50%, Difference: 9.50%, Shift in Value: ↑Bad ↓Good, US Average: 18.10%</p> <p>Get 34 out of every 100 current adult smokers in the county to quit smoking.</p> <p>Source: Behavioral Risk Factor Surveillance System Year(s): 2006-2012</p>									
	<p>Adult Obesity</p> <p>Rank: 31, 10th Ranked: Hamilton, Value: 31.30%, 10th Ranked Value: 29.10%, Difference: 2.20%, Shift in Value: ↑Bad ↓Good, US Average: 28.00%</p> <p>Get 8 out of every 100 current obese adults in the county to reduce their BMI below 30.</p> <p>Source: CDC Diabetes Interactive Atlas Year(s): 2011</p>										
	<p>Food Environment Index</p> <p>Rank: 62, 1st Ranked: Williamson, Value: 7.00, 1st Ranked Value: 8.9, Difference: 1.9, Shift in Value: ↑Good ↓Bad, US Average: 7.60</p> <p>Increase the county's food index score by 1.9.</p> <p>Source: USDA Food Environment Atlas, Map the Meal Gap Year(s): 2012</p>										

Prepared by the Division of Policy, Planning and Assessment, Office of Performance Management, Tennessee Department of Health, Nashville, TN. April 2015. opm.health@tn.gov or 615-741-5001. The full report can be accessed at: <http://health.tn.gov/statistics/specialprojects.htm>. All data is from the University of Wisconsin Population Health Institute and Robert Wood Johnson Foundation's, 2015 *County Health Rankings and Roadmaps* report. Difference statements represent the absolute value using the following formula: ["Value" - "10th Ranked Value"]. The action statements are based on the assumption that no new additional cases occur. All rankings and action statements presented in this report must be interpreted with caution due to various limitations of each measurement. Further information with regards to the strengths and limitations of each measurement may be found by clicking the hyperlink found in the description of each measurement.

Health Factors

Health Behaviors

Physical Inactivity	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	42	Wilson	33.60%	28.50%	5.10%	↑Bad ↓Good	30.00%	Avery, NC	25.70%
Percentage of adults aged 20 and over reporting no leisure-time physical activity	Get 16 out of every 100 currently physically inactive adults to exercise during leisure time.							Tyler, TX	30.10%
Source	CDC Diabetes Interactive Atlas			Year(s)	2011		Hyde, NC	27.00%	
Access to Exercise Opportunities	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	1	Johnson	100.00%	100.00%	0.00%	↑Good ↓Bad	77.00%	Avery, NC	100.00%
Percentage of population with adequate access to locations for physical activity	No action required.							Tyler, TX	40.16%
Source	Business Analyst, Delorme, ESRI, & US Census Tigerline Files			Year(s)	2010 & 2013		Hyde, NC	64.82%	
Excessive Drinking	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	NA	Greene	NA	3.30%	NA	↑Bad ↓Good	15.00%	Avery, NC	NA
Percentage of adults reporting binge or heavy drinking	No information available							Tyler, TX	NA
Source	Behavioral Risk Factor Surveillance System			Year(s)	2006-2012		Hyde, NC	NA	
Alcohol-Impaired Driving Deaths	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	1	Johnson	9.09%	9.09%	0.00%	↑Bad ↓Good	32.00%	Avery, NC	20.00%
Percentage of driving deaths with alcohol involvement	No action required.							Tyler, TX	25.71%
Source	Fatality Analysis Reporting System			Year(s)	2009-2013		Hyde, NC	22.22%	
Sexually Transmitted Infections	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	2	Moore	88.40	78.90	9.50	↑Bad ↓Good	458.00	Avery, NC	56.70
Number of newly diagnosed chlamydia cases per 100,000 population	Consider ways to educate 2 out of every 10 persons self-reporting to be involved in any sexual contact to commit to using safe sex practices to prevent the infection of Chlamydia.							Tyler, TX	261.00
Source	National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention			Year(s)	2012		Hyde, NC	221.90	
Teen Births	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	77	Putnam	59.64	37.04	22.60	↑Bad ↓Good	31.00	Avery, NC	25.63
Teen birth rate per 1,000 female population, ages 15-19	For every 100 teenage females (ages 15 to 19 years) in the county, consider ways to prevent 38 teen(s) from becoming pregnant.							Tyler, TX	67.91
Source	National Center for Health Statistics - Natality files			Year(s)	2006-2012		Hyde, NC	47.26	

Clinical Care

Uninsured	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	69	Blount	17.69%	14.64%	3.05%	↑Bad ↓Good	18.00%	Avery, NC	26.23%
Percentage of population under age 65 without health insurance	Get 18 out of every 100 currently uninsured adults ages 18-64 to obtain health insurance.							Tyler, TX	24.37%
Source	Small Area Health Insurance Estimates			Year(s)	2012		Hyde, NC	24.63%	
Primary Care Physicians	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	44	Anderson	2262:1	1397:1	865	↑Bad ↓Good	1,355.00	Avery, NC	1357:1
Ratio of population to primary care physicians	To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 5 primary care providers would need to be recruited to the county. More importantly, if the county's value is greater than 3,500, this county would be considered a Health Professional Shortage Area.							Tyler, TX	4292:1
Source	Area Health Resource File/American Medical Association			Year(s)	2012		Hyde, NC	5859:1	
Dentists	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	55	Maury	3595:1	1675:1	1920	↑Bad ↓Good	1,663.00	Avery, NC	5904:1
Ratio of population to dentists	To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 6 dental care providers would need to be recruited to the county. More importantly, if the county's value is greater than 5,000, this county would be considered a Health Professional Shortage Area.							Tyler, TX	7155:1
Source	Area Health Resource File/American Medical Association			Year(s)	2013		Hyde, NC	NA	

Health Factors	Clinical Care	Mental Health Providers	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		Ratio of population to mental health providers	46	McNairy	2568:1	688:1	1880	↑Bad ↓Good	753	Avery, NC	281:1
To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 20 mental health providers would need to be recruited to the county. More importantly, if the county's value is greater than 30,000, this county would be considered a Health Professional Shortage Area.								Tyler, TX	3577:1		
	Source	CMS, National Provider Identification file			Year(s)	2014		Hyde, NC	954:1		
Preventable Hospital Stays	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	22	Marshall	74.18	58.47	15.71	↑Bad ↓Good	65.00	Avery, NC	95.00		
Number of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees	For every 100 Medicare enrollees, prevent 1 Medicare enrollees from being hospitalized for ambulatory-care sensitive conditions.								Tyler, TX	87.75	
	Source	Dartmouth Atlas of Health Care			Year(s)	2012		Hyde, NC	62.35		
Diabetic Monitoring	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	89	Crockett	81.98%	88.92%	6.95%	↑Good ↓Bad	84.00%	Avery, NC	84.87%		
Percentage of diabetic Medicare enrollees ages 65-75 that receive HbA1c monitoring	For every 100 diabetic Medicare enrollees, get 7 additional Medicare enrollees to receive HbA1c screening.								Tyler, TX	84.94%	
	Source	Dartmouth Atlas of Health Care			Year(s)	2012		Hyde, NC	90.00%		
Mammography Screening	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	27	Knox	63.03%	65.71%	2.68%	↑Good ↓Bad	63.00%	Avery, NC	65.43%		
Percentage of female Medicare enrollees ages 67-69 that receive mammography screening	For every 100 female Medicare enrollees, get 3 additional Medicare enrollees to receive their mammography screening.								Tyler, TX	45.86%	
	Source	Dartmouth Atlas of Health Care			Year(s)	2012		Hyde, NC	60.56%		
High School Graduation	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	31	Carroll	92.50%	95.32%	2.82%	↑Good ↓Bad	80.00%	Avery, NC	91.09%		
Percentage of ninth-grade cohort that graduates in four years	For every 100 ninth graders, assist 3 additional ninth graders to graduate within four years.								Tyler, TX	93.77%	
	Source	data.gov, supplemented w/ National Center for Education Statistics			Year(s)	2011-2012		Hyde, NC	NA		
Some College	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	81	Shelby	35.05%	62.09%	27.05%	↑Good ↓Bad	63.00%	Avery, NC	55.75%		
Percentage of adults ages 25-44 years with some post-secondary education	For every 100 adults between 25-44 years of age, assist 2705 additional adults to complete some coursework at the collegiate level.								Tyler, TX	46.77%	
	Source	American Community Survey			Year(s)	2009-2013		Hyde, NC	46.75%		
Unemployment	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	57	Blount	9.88%	6.89%	2.98%	↑Bad ↓Good	8.10%	Avery, NC	9.27%		
Percentage of population ages 16 and older unemployed but seeking work	For every 100 persons ages 16 years and older, help 3 persons successfully find employment.								Tyler, TX	9.65%	
	Source	Bureau of Labor Statistics			Year(s)	2013		Hyde, NC	9.52%		
Children in Poverty	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	88	Montgomery	38.30%	21.40%	16.90%	↑Bad ↓Good	23.00%	Avery, NC	31.60%		
Percentage of children under age 18 in poverty	For every 100 children (under 18 years) in poverty, help 45 children to find assistance to get out of poverty.								Tyler, TX	28.20%	
	Source	Small Area Income and Poverty Estimates			Year(s)	2013		Hyde, NC	32.50%		
Income Inequality	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	72	Williamson	4.89	4.11	0.78	↑Bad ↓Good	NA	Avery, NC	4.14		
Ratio of household income at the 80th percentile to income at the 20th percentile	To reach a household income ratio at or below that of the 10th ranking county reduce the gap between the 80th percentile and 20th percentile by 1 household(s).								Tyler, TX	4.14	
	Source	American Community Survey			Year(s)	2009-2013		Hyde, NC	3.83		

Health Factors

Clinical Care

Social & Economic Factors

Health Factors

Social & Economic Factors

Children in Single-Parent Households	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	7	Lawrence	24.32%	22.97%	1.35%	↑Bad ↓Good	21.00%	Avery, NC	22.34%
Percentage of children that live in a household headed by single parent	For every 100 single parent households in the county, investigate ways to encourage 6 households to be a multi-parent household.							Tyler, TX	35.29%
Source	American Community Survey		Year(s)		2009-2013		Hyde, NC	59.44%	
Social Associations	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
11	Henry	16.58	16.70	0.12	↑Good ↓Bad	33.00%	Avery, NC	18.71	
Number of membership associations per 10,000 population	For every 100 people in the county, increase the number of membership associations by 1.							Tyler, TX	12.58
Source	County Business Patterns		Year(s)		2012		Hyde, NC	10.24	
Violent Crime	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
71	Carter	476.06	206.33	269.73	↑Bad ↓Good	387.00	Avery, NC	130.75	
Number of reported violent crime offenses per 100,000 population	For every 100 persons in the county, prevent 57 people from committing a violent crime.							Tyler, TX	359.20
Source	Uniform Crime Reporting - FBI		Year(s)		2010-2012		Hyde, NC	NA	
Injury Deaths	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
28	Fayette	78.03	68.81	9.21	↑Bad ↓Good	59.00	Avery, NC	77.57	
Number of deaths due to injury per 100,000 population	For every 1,000 population consider ways to prevent 119 deaths as a result of intentional and unintentional injury.							Tyler, TX	97.97
Source	CDC WONDER mortality data		Year(s)		2008-2012		Hyde, NC	68.90	
Air Pollution - Particulate Matter	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
2	Shelby	13.00	12.83	0.17	↑Bad ↓Good	11.10	Avery, NC	13.01	
Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	Reduce the average daily measure of fine particulate matter by 0.17 micrograms per cubic meter (PM2.5).							Tyler, TX	9.19
Source	CDC WONDER Environmental data		Year(s)		2011		Hyde, NC	11.46	

Physical Environment

Drinking Water Violations	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
85	Anderson	8.10%	0.00%	8.10%	↑Bad ↓Good	8.00%	Avery, NC	15.52%	
Percentage of population potentially exposed to water exceeding a violation limit during the past year	For every 100 persons in the county exposed to water violations, assist 1 person(s) from exposure to health-based violations in public water systems.							Tyler, TX	2.92%
Source	Safe Drinking Water Information System		Year(s)		FY2013-14		Hyde, NC	0.00%	
Severe Housing Problems	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
34	Lewis	12.77%	10.96%	1.81%	↑Bad ↓Good	19.00%	Avery, NC	15.02%	
Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, or lack of kitchen or plumbing facilities	For every 100 persons in the county experiencing housing problems, help 15 person(s) to find housing assistance.							Tyler, TX	12.01%
Source	Comprehensive Housing Affordability Strategy (CHAS) data		Year(s)		2007-2011		Hyde, NC	20.74%	
Driving Alone to Work	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
8	Hickman	79.88%	78.84%	1.04%	↑Bad ↓Good	76.00%	Avery, NC	79.58%	
Percentage of the workforce that drives alone to work	For every 100 persons that currently drive alone to work, convince 2 to carpool or take mass-transportation.							Tyler, TX	76.71%
Source	American Community Survey		Year(s)		2009-2013		Hyde, NC	58.08%	
Long Commute - Driving Alone	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
47	Hamilton	36.00%	25.10%	10.90%	↑Bad ↓Good	34.00%	Avery, NC	32.20%	
Among workers who commute in their car alone, the percentage that commute more than 30 minutes	For every 100 persons that currently drive more than 30 minutes alone to work, convince 31 to carpool or take mass-transportation.							Tyler, TX	40.70%
Source	American Community Survey		Year(s)		2009-2013		Hyde, NC	26.00%	